

Please amend the claims, as follows:

1. (Amended) [A] The method of claim 45, wherein said [producing a] protein in urine [that] degrades or detoxifies organic material[, said method comprising:

(a) providing a non-human transgenic animal having stably integrated into its genome an exogenous gene encoding a protein that is detectable in urine and that degrades or detoxifies organic material].

5. (Amended) The method of claim [4] ~~4X~~, wherein said enzyme is selected from the group consisting of the list of enzymes in Figure 7.

8. (Amended) [A] The non-human transgenic animal of claim 56, wherein said [that produces in its urine a] protein [that] degrades or detoxifies an organic material[, wherein said non-human transgenic animal has stably integrated into its genome an exogenous gene encoding a protein that is detectable in urine and that degrades or detoxifies organic material.]

15. (Amended) The transgenic animal of claim [14] ~~57~~, wherein said enzyme is selected from the group of enzymes listed in Figure 7.

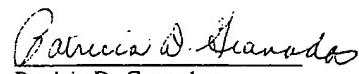
#### REMARKS

Claims 1-44 are currently pending; applicants herewith cancel claims 2-4, 9,10 and 14 and add claims 45-66. Thus, with the entry of this amendment, claims 1, 5, 6, 7, 8, 11, 12, 13 and 15-66 will be active in this case. Claims 45 - 51, 54 - 61, 64, 65 and 66 have support in the description on page 30, line 17 - page 31, line 3 and page 28, lines 3-6. Claims 52, 53, 62 and 63 have support in the description on page 29, lines 20-31. No new matter is added with the new claims. Applicants responded to a restriction requirement on June 11, 1999, in which they elected claims directed to a method of producing a protein and a non-human transgenic animal. The above new claims fall within the elected group, although they are not limited to proteins that degrade or detoxify. The previously independent claims have been amended to recite proteins that detoxify and degrade organic waste. Applicants respectfully request the examiner to enter this amendment and examine all of the new and amended claims.

Applicants do not believe that any further fees are required. In the event this is not correct, the Commissioner is authorized to charge the required fees to Deposit Account No. 19-0741. Examination on the merits is awaited.

Respectfully submitted,

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